

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method, comprising:
receiving a request associated with a specification defining a traffic stream quality of service at a first access point to locate a second access point capable of supporting the specification; and
communicating the request to the second access point.
2. (Original) The method of claim 1, further comprising:
receiving a list of candidate access points including the second access point at the first access point.
3. (Original) The method of claim 1, wherein the specification includes at least one of a network type, a network capability, a network activity level, an access point capability, a signal strength, a bandwidth, a signal-to-noise ratio, a signal-to-interference ratio, a multipath condition, a service provider, a monetary cost, user-preferred information, a user-preferred service, a nominal packet size, a maximum packet size, a minimum service interval, a maximum service interval, a minimum data rate, a mean data rate, a maximum burst size, a minimum physical-layer rate, a peak data rate, a delay bound, a surplus bandwidth allowance, an acknowledgement policy, and a user priority.
4. (Canceled)
5. (Currently Amended) The method of claim [[4]] 1, wherein the specification includes a traffic specification [[is]] selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard.

6. (Original) The method of claim 1, further comprising:
determining, by the first access point, that the second access point will support the specification.
7. (Original) The method of claim 1, further comprising:
constructing a list of candidate access points including the second access point.
8. (Currently Amended) An article comprising a machine-accessible medium having associated data, wherein the data, when accessed, results in a machine performing:
receiving a request associated with a specification defining a traffic stream quality of service at a first access point to locate a second access point capable of supporting the specification; and
communicating the request to the second access point.
9. (Original) The article of claim 8, wherein the specification includes a traffic specification selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard.
10. (Original) The article of claim 8, wherein the data, when accessed, results in the machine performing:
constructing a list of candidate access points including the second access point.
11. (Currently Amended) The article of claim 10, wherein the data, when accessed, results in the machine performing:
~~sending the request associated with the specification to at least one of the candidate access points including the second access point; and~~
determining, by the second access point, that the second access point will support the specification.

12. (Original) The article of claim 8, wherein the data, when accessed, results in the machine performing:

 sending a list of access points capable of supporting the specification, including the second access point, to a device from which the request was received.

13. (Currently Amended) An apparatus, comprising:

 a ~~receiver~~ transceiver to receive a request associated with a specification defining a traffic stream quality of service at a first access point to locate a second access point capable of supporting the specification, and to communicate the request to the second access point.

14. (Currently Amended) The apparatus of claim 13, further comprising:

 a memory coupled to the ~~receiver~~ transceiver to store a list of candidate access points including the second access point.

15. (Original) The apparatus of claim 13, further comprising:

 a determination module to determine a capability of a candidate access point to support the specification.

16. (Original) The apparatus of claim 13, wherein the specification includes a traffic specification selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard.

17. (Currently Amended) A system, comprising:

 a first receiver included in a first access point to receive a request associated with a specification defining a traffic stream quality of service, wherein the first access point is to locate a second access point capable of supporting the specification; and

 a second receiver included in the second access point to receive the request associated with the specification, wherein the second access point is to determine support of the specification.

18. (Original) The system of claim 17, wherein the specification includes a traffic specification selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard, and wherein the first access point is to negotiate the specification with a station from which the request is received.
19. (Original) The system of claim 17, further comprising:
a transceiver including the first receiver; and
a transceiver including the second receiver.
20. (Original) The system of claim 17, further comprising:
a memory coupled to the first receiver to store a list of candidate access points including the second access point.
21. (Original) The system of claim 17, further comprising:
a client unit to generate the request.
22. (Currently Amended) A method, comprising:
determining a second access point capable of supporting a specification defining a traffic stream quality of service by one of a self-determination request sent from a device capable of communicating with a first access point to the ~~first~~ second access point, or ~~and~~ an access point determination request sent to the first access point.
23. (Original) The method of claim 22, further comprising:
constructing a list of candidate access points including the second access point.
24. (Original) The method of claim 22, wherein the access point determination request includes a list of candidate access points including the second access point.
25. (Canceled)

26. (Currently Amended) The method of claim [[25]] 22, wherein the specification includes a traffic specification [[is]] selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard.

27. (Original) The method of claim 22, further comprising:
handing off a communication between the first access point and the device to the second access point upon receiving an indication that the second access point is capable of supporting the specification.

28. (Currently Amended) An apparatus, comprising:
a transmitter to send a request associated with a specification at a first access point defining a traffic stream quality of service to a first access point to locate a second access point capable of supporting the specification.

29. (Original) The apparatus of claim 28, further comprising:
a memory coupled to the transmitter to store a list of candidate access points including the second access point.

30. (Currently Amended) The apparatus of claim 28, further comprising:
a determination module to determine a capability of a candidate access point to support the specification comprising a traffic specification selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard.

31. (Currently Amended) A method, comprising:
receiving a request associated with a traffic specification defining a traffic stream quality of service and selected in accordance with an Institute of Electrical and Electronics Engineers (IEEE) 802.11 standard and a list of candidate access points including a second access point capable of supporting the traffic specification at a first access point.

32. (Original) The method of claim 31, further comprising:

sending the request to at least one of the candidate access points including the second access point; and

determining, by the second access point, that the second access point will support the specification.

33. (Currently Amended) The method of claim 32, further comprising:

handing off a communication between the first access point and a the device to the second access point upon receiving an indication that the second access point is capable of supporting the specification.